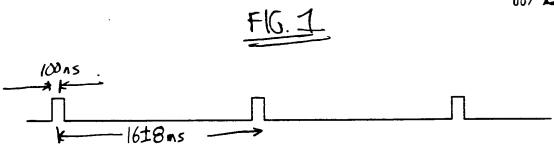
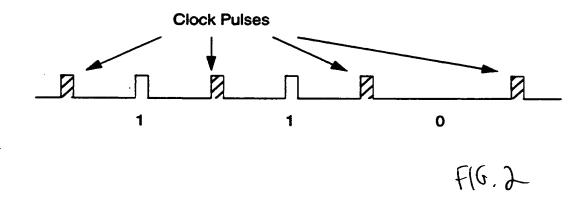
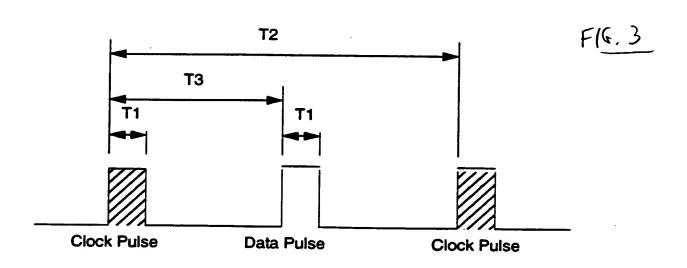
Within the control of





25-



T6

T5

T5

FLP Burst

FLP Burst

F16.5

#	Parameter	Min	Тур	Max	units
T1	Clock / Data Pulse Width		100		กร
T2	Clock Pulse to Clock Pulse		125		μs
T3	Clock Pulse to Data Pulse (Data = 1)		62.5		μs
T4	Pulses in a Burst	17		33	#
T5	Burst Width		2		ms
T6	Burst to Burst	8	16	24	ms

D15 D14 D13 D12 D11 D10 D9 D8 D7 D6 D5 D4 D3 D2 D1 D0

NP RF A7 A6 A5 A4 A3 A2 A1 A0 Ack S4 S3 S2 S1 S0

Technology Ability Field

Selector Field

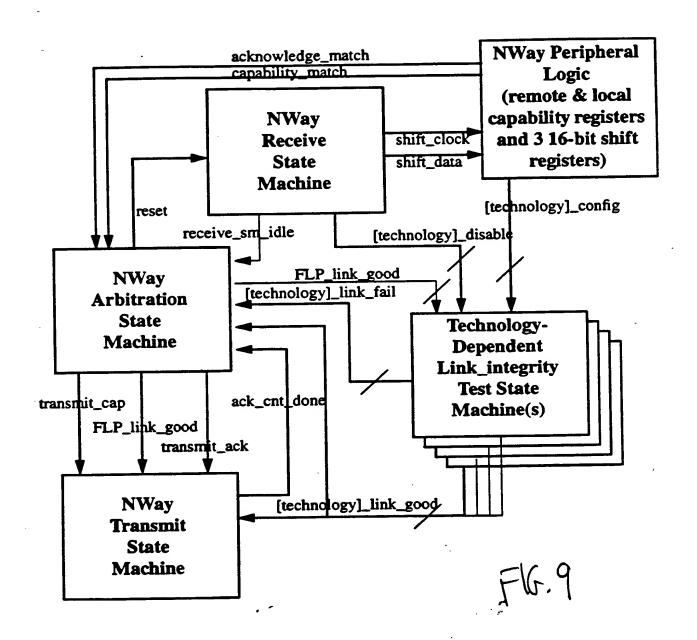
FIG. 6

D 1 0	D 9	D 8	D 7	D 6	Description
0	0	0	0	1	10BASE-T
0	0	0	1	0	10BASE-T Full Duplex
0	0	1	0	0	100BASE-TX
0	1	0	0	0	100BASE-TX Full Duplex
1	0	0	0	0	100BASE-T4

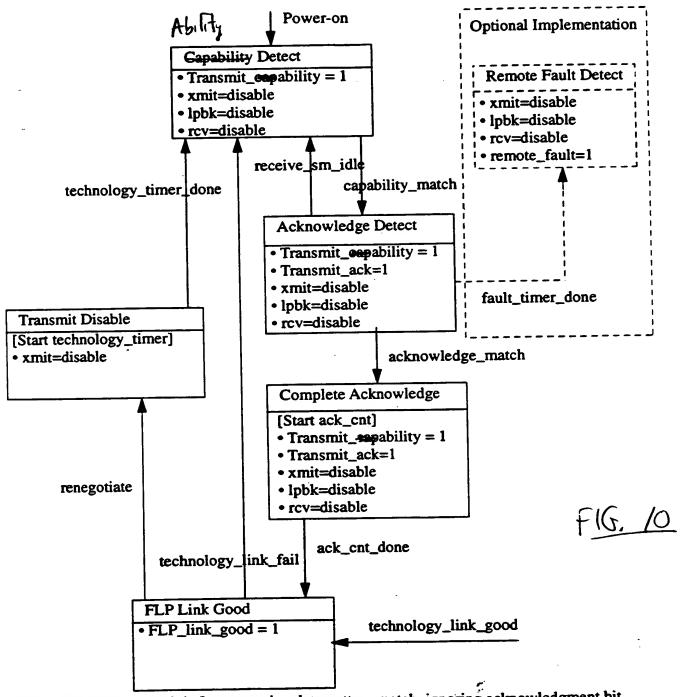
F16. 7

F16.8.

D 1 0	D 9	D 8	D 7	D 6	Description
0	0	0	1	1	Regular and Full Duplex 10BASE-T
1	0	1	0	1	10BASE-T, 100BASE-TX, and 100BASE-T4 all supported in normal configurations.
0	0	1	0	1	10BASE-T and 100BASE-TX configurations both supported.
1	1	1	0	.0	100BASE-TX, 100BASE-T4, 100BASE-TX Full Duplex supported.

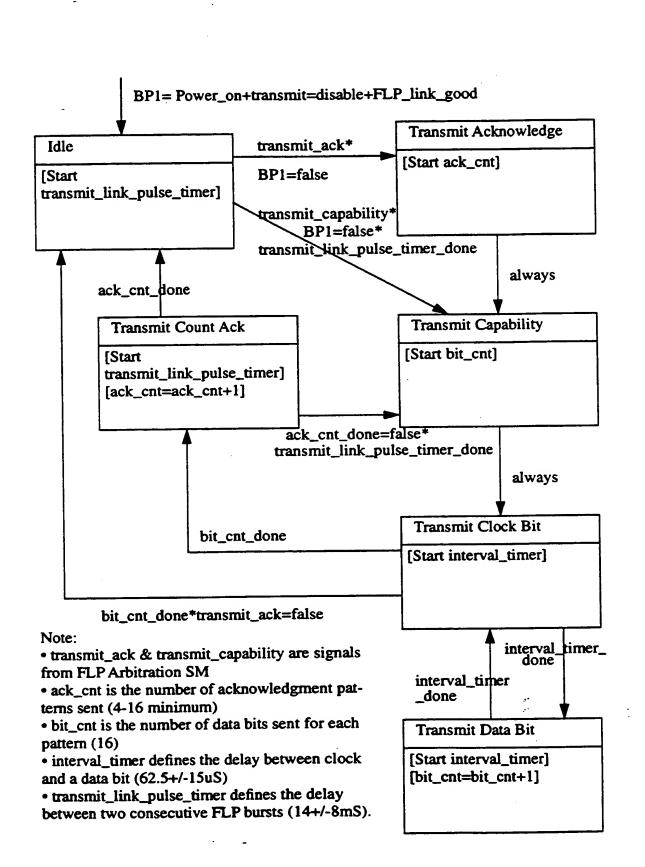


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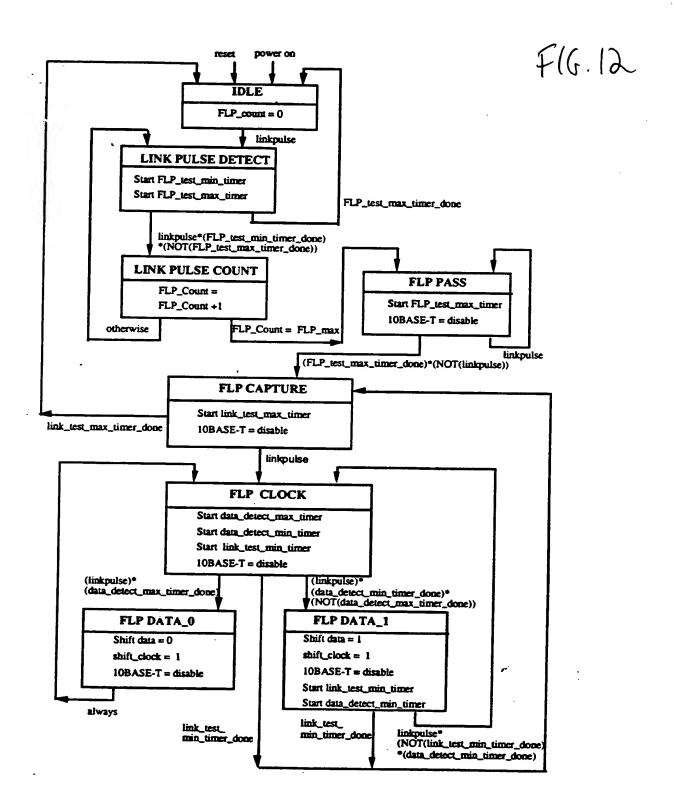


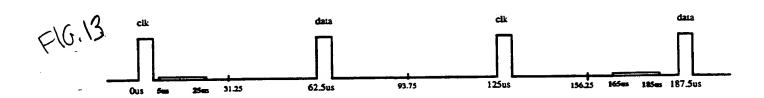
Note: • Capability_match is 3 consecutive data pattern match, ignoring acknowledgment bit.

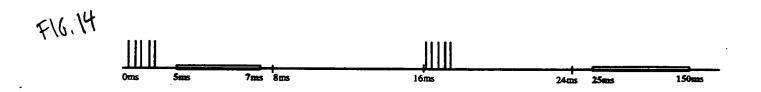
- Acknowledge_match is 3 consecutive data patterns having acknowledgment bit set.
- ack_cnt_done is from FLP Transmit SM to indicate completion of sending a minimum of 4-16 acknowledge patterns.
- optional remote sensing capability, refer to Management support section

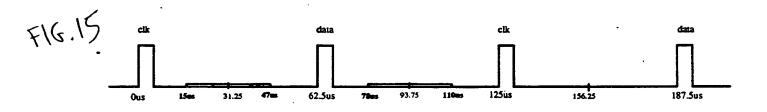


FlG. 11







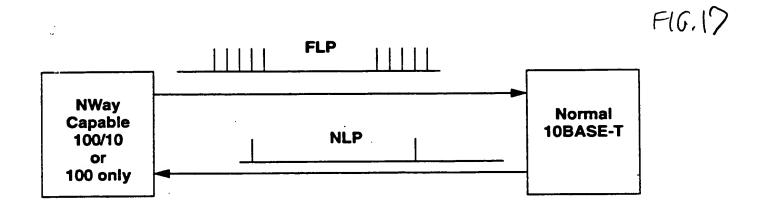


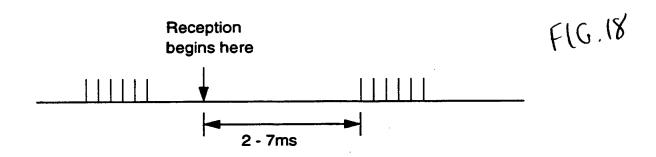
Parameter	Min	Тур	Max	units	
FLP_test_min_timer	5		25	μs	
FLP_test_max_timer	165		185	μs	
Link_test_min_timer	5		7	ms	
Link_test_max_timer	50		150	ms	
Data_detect_min_timer	15		47	μs	
Data_detect_max_timer	78		110	μs	

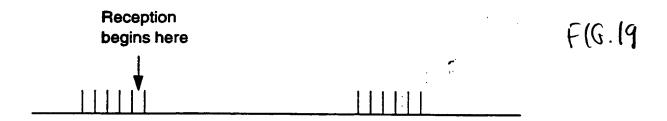
FIG. 16

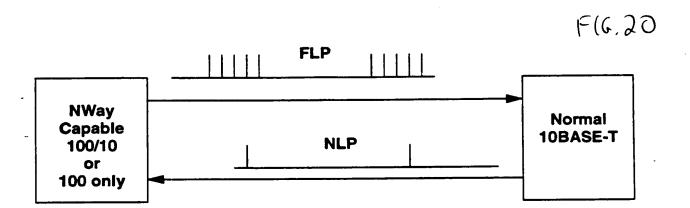
ll n n

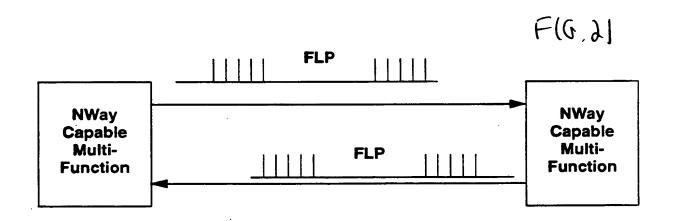
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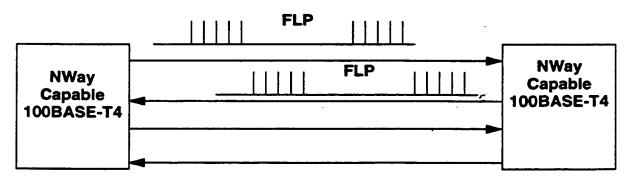


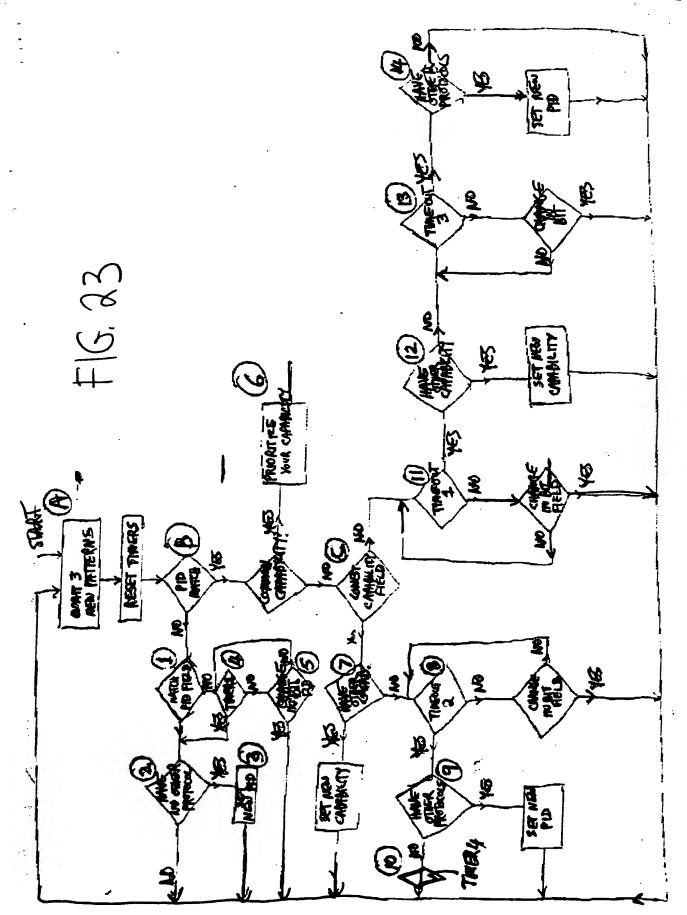






F(G.22





Data Word Encoding (Multi-Protocol Negotiation)

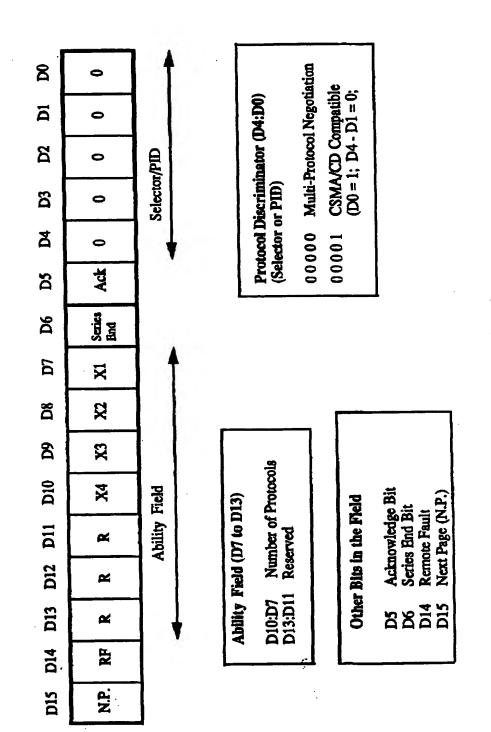


FIG. 24

F16,25 Page 3 Protocol Arbitration & Resolution NODE Example of a small network 2 10/100/iso 9 9 10/100/isg HUB 0/100/iso 2 2 10/100/iso 10=10 MET TEEE 8023 100-100 MET) 9 우 150= IFFE 502.9 National Semiconductor